



## ecology and environment, inc.

International Specialists in the Environment

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January 9, 1998

Ms. Peggy Hendrixson (MC-10J)  
ARCS 5 Contracting Officer  
United States Environmental Protection Agency  
Contracts and Procurement Section  
77 West Jackson Boulevard  
Chicago, Illinois 60604

Re: Work Plan Revision Request No.1  
Sauget Area 1 and 2 Sites, Sauget, Illinois  
Contract 68-W8-0086, WA#47-5N60

Dear Ms. Hendrixson:

E & E has prepared this Revised Work Plan Revision Request Number 1 (WPRR #1) to address the need for additional funding and LOE to complete the work assignment tasks for the Sauget Area 1 and 2 Sites Technical Assistance project. The attached tables present E & E's revised budget estimate for completing the work assignment. Table 1 provides a summary of all costs to complete this work assignment including all costs-to-date (as of December 27, 1997) and the estimated costs to complete active tasks; Table 2 is a combined summary by task for all Technical Assistance costs, including both actual costs-to-date and estimated costs to complete the project; Table 3 provides the actual costs to date (through December 27, 1997) for all project tasks; Table 4 provides a breakdown of the estimated costs to complete the existing tasks for the project. In addition, detail sheets for the estimated costs presented in Table 4 are provided as attachments to the table.

The additional LOE and funding requested will be necessary to complete the project according to the task structure and level of detail provided in the statement of work. Additional LOE and funding is required due to the large volume of information that was obtained from the federal and state agencies, and the time required for sorting, labelling, and reduction of the data into both tabular and graphic formats for presentation.

As stated above, Table 3 provides a breakdown of the actual costs for tasks that have received charges through December 27, 1997. This date was also used as a cutoff point for estimating the costs necessary to complete work on tasks that are still active. A total of 1,612.00 LOE hours and \$126,863 were spent on the project through this cutoff date. As shown on Table 4, E & E estimates that 759 LOE hours and \$67,155 will be required to complete the work specified on this project. The total LOE hours estimated through project completion are 2,371, which is 310 LOE hours more than the approved budget of 2,061 LOE hours. The total revised estimated cost for the work assignment is \$194,018 which is \$27,097 more than the approved work plan budget and \$24,018 more than the project funding level. The current work assignment expenditure limits are 2,061 LOE hours and \$166,921; therefore, an additional 310 LOE hours and \$24,081 of funding will be required.

As of December 27, 1997, E & E has completed the following work assignment tasks:

- Task 1.1: Project Planning; and
- Task 2.0: Acquisition of Existing Data

All of the other existing project tasks remain open. For all of the active project tasks, E & E has evaluated the existing budgets based on the current project objectives and direction, as well as the makeup of E & E's project team. The estimated award fees for the cost to complete active tasks are not broken down by task. These award fees are included in the "Totals" column on Table 4, and the basis for the estimated fee is explained in footnotes on the table. A discussion of active project tasks and estimated work remaining on these tasks is presented below:

- **Task 1.2 - Project Management:** As of December 27, 1997, 78.0 LOE hours and \$6,558 have been charged against this task for project management activities. E & E estimates that 38 LOE hours and \$3,353 will be required to complete project management activities through February 1998. The estimated total of 116 LOE hours at task completion is the same as the approved work plan budget amount. The estimated total cost at completion of \$9,911 is \$578 less than the approved original budget of \$10,489.
- **Task 3.0 - Property Ownership Tables/Maps:** As of December 27, 1997, 97 LOE hours and \$8,208 have been charged against this task for information research and production of the draft property ownership tables/maps. E & E estimates that 24 LOE hours and \$1,803 will be required to complete this task. This estimate to complete includes 16 LOE to complete an historical deed search for the Site N property and report the findings, and 8 LOE to prepare and submit the final version of the property ownership tables/maps. The estimated total of 121 LOE hours at task completion is 21 hours greater than the approved original LOE budget of 100 hours. The estimated total cost at completion of \$10,011 is \$3,077 greater than the approved original budget of \$6,934.
- **Task 4.0 - Technical Data Summary Tables/Maps:** As of December 27, 1997, 701.00 LOE hours and \$46,765 have been charged to this task for preparation of data tables and presenting data on site maps. E & E estimates that 445 LOE hours and \$30,761 will be required to complete the data summary tables and maps. The estimated total of 1146 LOE hours at task completion is 242 hours greater than the approved original LOE budget of 904 hours. The estimated total cost at completion of \$77,526 is \$14,989 greater than the approved original budget of \$62,537.
- **Task 5.0 - Data Gaps Memoranda:** As of December 27, 1997, no charges have been incurred under this task. E & E estimates that 92 LOE hours and \$7,351 will be required to complete this task. The estimated total of 92 LOE

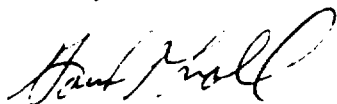
Ms. Peggy Hendrixson  
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hours and \$7,351 at task completion is the same as the approved original LOE budget.

- **Task 6.0 - PRP Records Compilation:** As of December 27, 1997, 163 LOE hours and \$14,031 have been charged to this task assembling PRP files and a PRP database. E & E estimates that 160 LOE hours and \$13,810 will be required to prepare and submit the deliverables for this task. The estimated total of 323 LOE hours at task completion is 7 LOE greater than the approved original LOE budget of 316 hours. The estimated total cost at completion of \$27,841 is \$5,040 greater than the approved original budget of \$22,801.

If you should require additional information, or have any questions concerning this submittal, please contact me at your earliest convenience. --

Sincerely,



Daniel T. Sewall  
ARCS Program Manager

Attachments

cc: S. Nathan, EPA PO  
L. Evison, EPA RPM  
C. Carlson, E & E SM

TABLE 1

ECOLOGY AND ENVIRONMENT, INC  
ESTIMATED DIRECT HOURS AND COSTS

Client: USEPA ARCS REGION V

Re: SAUGET AREA 1 & 2 SITES  
Work Assignment No. 47-5N60  
Cost Summary

Rate/Hr	Labor Category	Total	Cost to Date	Cost to Complete
		12 0	4 0	8 0
		1603 5	1147 5	456 0
		462 5	281 5	181 0
		280 5	166 5	114 0
		0 0	0 0	0 0
		12 5	12 5	0 0
		155 0	107 0	48 0
	LOE Hours Subtotal	2371 0	1612 0	759 0
	Total Hours	2526 0	1719 0	807 0
=====				
1)	Total Labor Cost	59,287	40,946	18,340
2)	Fringe Benefits (on Line 1)	17,786	12,284	5,502
3)	Total Labor & Fringes (Lines 1 & 2)	77,073	53,230	23,842
4)	Overhead (on Line 3)	49,033	33,535	15,498
	Travel:			
	Transportation	2,043	1,993	50
	Per Diem	428	428	0
5)	Total Travel Costs	2,471	2,421	50
6)	Total Other Direct Costs	5,429	3,771	1,659
7)	Outside Equip Rental/Purchase	0	0	0
8)	Subtotal (Lines 3, 4, 5 - 7)	134,005	92,957	41,048
9)	G&A (on Line 8)	44,578	30,211	14,367
10)	Subtotal (Lines 8 & 9)	178,583	123,168	55,415
11)	E&E Lab Analysis	0	0	0
12)	E&E Equipment Rental	0	0	0
13)	Subtotal (Lines 11 & 12)	0	0	0
14)	Subcontracting Costs	0	0	0
15)	Subcontract Administration Fee (on Line 14)	0	0	0
16)	Estimated Cost (Lines 10, 13 - 15)	178,583	123,168	55,415
17)	Base Fee (on Line 10)	3.0% 5,358	3,695	1,662
18)	Base Fee - Sub Pool (on Lines 14 & 15)	2.0% 0	0	0
19)	Award Fee	7.0% 10,077	0	10,077
20)	Award Fee - Sub Pool	3.0% 0	0	0
21)	Cost Plus Fee (Lines 16 - 20)	\$194,018	\$126,863	\$67,155
=====				

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TABLE 2

ECOLOGY AND ENVIRONMENT, INC.  
ESTIMATED DIRECT HOURS AND COSTS

Client USEPA ARCS REGION V

Re SAUGET AREA 1 & 2 SITES  
Work Assignment No. 47-5N60  
Complete Cost Summary

Task 1 1 Project Planning  
Task 1 2 Project Management  
Task 2 0 Acquisition of Existing Data  
Task 3 0 Property Ownership Tables and Maps  
Task 4 0 Technical Data Summary Tables and Maps

Task 5 0 Data Gaps Memoranda  
Task 6 0 PRP Records Compilation

Rate/Hr	Labor Category	Totals	1 1	1 2	2 0	3 0	4 0	5 0	6 0
		12 00	4 00	0 00	0 00	0 00	0 00	8 00	0 00
		1603 50	116 00	114 00	402 00	113 00	479 50	60 00	319 00
		462 50	15 00	0 00	26 50	8 00	409 00	0 00	4 00
		280 50	0 00	0 00	9 50	0 00	247 00	24 00	0 00
		0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
		12 50	0 00	2 00	0 00	0 00	10 50	0 00	0 00
		155 00	8 75	8 50	59 50	12 25	58 00	8 00	0 00
	LOE Hours Subtotal	2371 00	135 00	116 00	438 00	121 00	1146 00	92 00	323 00
	Total Hours	2526 00	143 75	124 50	497 50	133 25	1204 00	100 00	323 00
	1) Total Labor Cost	\$59,287	\$3,755	\$3,337	\$12,086	\$3,224	\$25,391	\$2,435	\$9,060
	2) Fringe Benefits (on Line 1)	17,786	1,126	1,001	3,626	967	7,617	730	2,718
	3) Total Labor & Fringes (Lines 1 & 2)	77,073	4,881	4,337	15,712	4,191	33,008	3,165	11,778
	4) Overhead (on Line 3)	49,033	3,075	2,761	9,898	2,655	21,052	2,057	7,534
	Travel:								
	Transportation	2,043	253	0	1,740	50	0	0	0
	Per Diem	428	8	0	420	0	0	0	0
	5) Total Travel Costs	2,471	261	0	2,160	50	0	0	0
	6) Total Other Direct Costs	5,429	343	119	1,259	415	2,329	64	900
	7) Outside Equip Rental/Purchase	0	0	0	0	0	0	0	0
	8) Subtotal (Lines 3, 4, 5 - 7)	134,005	8,560	7,217	29,029	7,311	56,389	5,287	20,212
	9) G&A (on Line 8)	44,578	2,782	2,406	9,434	2,408	18,879	1,850	6,817
	10) Subtotal (Lines 8 & 9)	178,583	11,342	9,623	38,464	9,720	75,268	7,137	27,030
	11) E&E Lab Analysis	0	0	0	0	0	0	0	0
	12) E&E Equipment Rental	0	0	0	0	0	0	0	0
	13) Subtotal (Lines 11 & 12)	0	0	0	0	0	0	0	0
	14) Subcontracting Costs	0	0	0	0	0	0	0	0
	15) Subcontract Administration Fee (on Line 14)	0	0	0	0	0	0	0	0
	16) Estimated Cost (Lines 10, 13 - 15)	178,583	11,342	9,623	38,464	9,720	75,268	7,137	27,030
	17) Base Fee (on Line 10)	3.0%	5,358	340	289	1,154	292	2,258	214
	18) Base Fee - Sub Pool (on Lines 14 & 15)	2.0%	0	0	0	0	0	0	0
	19) Award Fee		10,077	0	0	0	0	0	0
	20) Award Fee - Sub Pool		0	0	0	0	0	0	0
	21) Cost Plus Fee (Lines 16 - 20)		\$194,018	\$11,683	\$9,911	\$39,618	\$10,011	\$77,526	\$7,351
									\$27,841

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Task 5.0: Data Gaps Memoranda  
Task 6.0: PRP Records Compilation

Rate/Hr	Labor Category	Totals	1 1	1 2	2 0	3 0	4 0	5 0	6 0	
		4 00	4 00	0 00	0 00	0 00	0 00	0 00	0 00	
		1147 50	116 00	76 00	402 00	97 00	297 50	0 00	159 00	
		281 50	15 00	0 00	26 50	0 00	236 00	0 00	4 00	
		166 50	0 00	0 00	9 50	0 00	157 00	0 00	0 00	
		0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	
		12 50	0 00	2 00	0 00	0 00	10 50	0 00	0 00	
		107 00	8 75	4 50	59 50	12 25	22 00	0 00	0 00	
	LOE Hours Subtotal	1612 00	135 00	78 00	438 00	97 00	701 00	0 00	163 00	
	Total Hours	1719 00	143 75	82 50	497 50	109 25	723 00	0 00	163 00	
	1) Total Labor Cost	\$40,946	\$3,755	\$2,249	\$12,086	\$2,645	\$15,501	\$0	\$4,710	
	2) Fringe Benefits (on Line 1)	12,284	1,126	675	3,626	794	4,650	0	1,413	
	3) Total Labor & Fringes (Lines 1 & 2)	53,230	4,881	2,924	15,712	3,439	20,152	0	6,123	
	4) Overhead (on Line 3)	33,535	3,075	1,842	9,898	2,166	12,696	0	3,857	
	Travel:									
	Transportation	1,993	253	0	1,740	0	0	0	0	
	Per Diem	428	8	0	420	0	0	0	0	
	5) Total Travel Costs	2,421	261	0	2,160	0	0	0	0	
	6) Total Other Direct Costs	3,771	343	39	1,259	410	1,419	0	300	
	7) Outside Equip Rental/Purchase	0	0	0	0	0	0	0	0	
	8) Subtotal (Lines 3, 4, 5 - 7)	92,957	8,560	4,806	29,029	6,014	34,266	0	10,281	
	9) G&A (on Line 8)	30,211	2,782	1,562	9,434	1,955	11,137	0	3,341	
	10) Subtotal (Lines 8 & 9)	123,168	11,342	6,367	38,464	7,969	45,403	0	13,622	
	11) E&E Lab Analysis	0	0	0	0	0	0	0	0	
	12) E&E Equipment Rental	0	0	0	0	0	0	0	0	
	13) Subtotal (Lines 11 & 12)	0	0	0	0	0	0	0	0	
	14) Subcontracting Costs	0	0	0	0	0	0	0	0	
	15) Subcontract Administration Fee (on Line 14)	0	0	0	0	0	0	0	0	
	16) Estimated Cost (Lines 10, 13 - 15)	123,168	11,342	6,367	38,464	7,969	45,403	0	13,622	
	17) Base Fee (on Line 10)	3.0%	3,695	340	191	1,154	239	1,362	0	409
	18) Base Fee - Sub Pool (on Lines 14 & 15)	2.0%	0	0	0	0	0	0	0	
	19) Award Fee (on Line 10)	7.0%	0	0	0	0	0	0	0	
	20) Award Fee - Sub Pool (on Lines 14 & 15)	3.0%	0	0	0	0	0	0	0	
	21) Total Cost Plus Fee (Lines 16 - 20)	\$126,863	\$11,683	\$6,559	\$39,618	\$8,208	\$46,765	\$0	\$14,031	

TABLE 4

ECOLOGY AND ENVIRONMENT, INC.  
ESTIMATED DIRECT HOURS AND COSTS

Client: USEPA ARCS REGION V

Re: SAUGET AREA 1 & 2 SITES  
Work Assignment No. 47-SN60  
Cost to Complete as of 12/28/97

Task 1.1 Project Planning  
Task 1.2 Project Management  
Task 2.0 Acquisition of Existing Data  
Task 3.0 Property Ownership Tables and Maps  
Task 4.0 Technical Data Summary Tables and Maps

Task 5.0 Data Gaps Memoranda  
Task 6.0 PRP Records Compilation

Rate/Hr	Labor Category	Totals	1.1	1.2	2.0	3.0	4.0	5.0	6.0
		8.00	0.00	0.00	0.00	0.00	0.00	8.00	0.00
		456.00	0.00	38.00	0.00	16.00	182.00	60.00	160.00
		181.00	0.00	0.00	0.00	8.00	173.00	0.00	0.00
		114.00	0.00	0.00	0.00	0.00	90.00	24.00	0.00
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		48.00	0.00	4.00	0.00	0.00	36.00	8.00	0.00
	LOE Hours Subtotal	759.00	0.00	38.00	0.00	24.00	445.00	92.00	160.00
	Total Hours	807.00	0.00	42.00	0.00	24.00	481.00	100.00	160.00
=====									
1)	Total Labor Cost	\$18,340	\$0	\$1,087	\$0	\$579	\$9,889	\$2,435	\$4,350
2)	Fringe Benefits (on Line 1)	30.0%	5,502	0	326	0	174	2,967	1,305
3)	Total Labor & Fringes (Lines 1 & 2)		23,842	0	1,413	0	752	12,856	5,656
4)	Overhead (on Line 3)	65.0%	15,498	0	919	0	489	8,356	3,676
	Travel								
	Transportation		50	0	0	0	50	0	0
	Per Diem		0	0	0	0	0	0	0
5)	Total Travel Costs		50	0	0	0	50	0	0
6)	Total Other Direct Costs		1,659	0	80	0	5	910	64
7)	Outside Equip Rental/Purchase		0	0	0	0	0	0	0
8)	Subtotal (Lines 3, 4, 5 - 7)		41,048	0	2,411	0	1,297	22,122	9,932
9)	G&A (on Line 8)	35.0%	14,367	0	844	0	454	7,743	1,850
10)	Subtotal (Lines 8 & 9)		55,415	0	3,255	0	1,750	29,865	7,137
11)	E&E Lab Analysis		0	0	0	0	0	0	0
12)	E&E Equipment Rental		0	0	0	0	0	0	0
13)	Subtotal (Lines 11 & 12)		0	0	0	0	0	0	0
14)	Subcontracting Costs		0	0	0	0	0	0	0
15)	Subcontract Administration Fee (on Line 14)	1.5%	0	0	0	0	0	0	0
16)	Estimated Cost (Lines 10, 13 - 15)		55,415	0	3,255	0	1,750	29,865	7,137
17)	Base Fee (on Line 10)	3.0%	1,662	0	98	0	53	896	214
18)	Base Fee - Sub Pool (on Lines 14 & 15)	2.0%	0	0	0	0	0	0	0
19)	Award Fee		10,077	0	0	0	0	0	0
20)	Award Fee - Sub Pool		0	0	0	0	0	0	0
21)	Total Cost Plus Fee (Lines 16 - 20)		\$67,155	\$0	\$3,353	\$0	\$1,803	\$30,761	\$7,351
=====									

\* Estimated award fee to complete based on 2,371 LOE at project completion x \$4.25/LOE hour. No award fee has been invoiced through the cutoff date of 12/27/97.

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LABOR HOUR DETAIL		Field					In-House			Total	
Classification	Travel/ Prep Hours	People	Days	H/Day	M-Day	Hours	Hours	Pubs			
[REDACTED]						0	0				0
						0	0	38			38
						0	0				0
						0	0				0
						0	0				0
						0	0				0
						0	0				0
[REDACTED]						0	4				4
TOTAL HOUR	0					0	0	42	0		42

OTHER DIRECT COST DETAIL	Unit	No. of Units	Unit Cost	Total
Protective Clothing [Level D]	Days			0
Protective Clothing [Level C]	Days			0
Miscellaneous Field/Other Supplies				0

TOTAL SUPPLIES	0
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Shipment of Lab Samples	lbs.	0
Shipment of Equipment	lbs.	0
Postage/Other		0

TOTAL MAIL/COURIER	0
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Desktop Usage	Hour	4	5.5	22
Data Visualization/Modeling (CAD, GIS, modeling)	Hour		15.5	0

<b>Notebook Computers</b>			
Days	Days	16	0
Months	Months	480	0

TOTAL COMPUTER USAGE 22

COMMUNICATIONS COSTS:				45
REPRODUCTION COSTS	Page	250	0.05	12.5
BLUE PRINTS:	Page		1.75	0

<b>TOTAL OTHER DIRECT COSTS</b>	<b>79.5</b>
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SUBCONTRACTOR DETAIL		Total
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10
11	11	11
12	12	12
13	13	13
14	14	14
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89	89	89
90	90	90
91	91	91
92	92	92
93	93	93
94	94	94
95	95	95
96	96	96
97	97	97
98	98	98
99	99	99
100	100	100

Subcontractor A  
Subcontractor B  
Subcontractor C

TRAVEL DETAIL	Unit	No. of Units	Unit Cost	Total
<b>TRANSPORTATION</b>				
Airfare:	RT			0
Auto Rental	Day			0
Truck Rental	Day			0
Local Mileage	Mile		0.3	0
Parking	Day		5	0
Gasoline				0
<b>TOTAL TRANSPORTATION COSTS</b>				<b>0</b>

PER DIEM		
Per Diem	Day	0
Lodging	Day	0

TOTAL PER DIEM COSTS	0
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OUTSIDE EQUIP RENTAL/PURCHASE DETAIL					
Item Description	Period	No. of Periods	No. of Units	Unit Cost	Total
					0
					0
					0
					0

TOTAL OUTSIDE EQUIP RENTAL/PURCHASE COST	0
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E&E EQUIPMENT RENTAL DATA	No. of	No. of	Unit	
Item Description	Period	Periods	Units	Cost
TOTAL E&E EQUIPMENT COSTS				0

### E&E ANALYTICAL SERVICES DETAIL



LABOR HOUR DETAIL							Field			
Classification	Travel/ Prep. Hour	People	Days	H/Day	M-Day	Hours	In-House Hours	Pubs	Total	
						0	0		0	
						0	0		0	
						0	0		0	
						0	0		0	
						0	0		0	
						0	0		0	
TOTAL HOURS	0					0	0	0	0	
=====										
OTHER DIRECT COST DETAIL						Unit	No. of Units	Unit Cost	Total	
Protective Clothing (Level D)						Days			0	
Protective Clothing (Level C)						Days			0	
Miscellaneous Field/Other Supplies									0	
TOTAL SUPPLIES									0	
Shipment of Lab Samples						lbs			0	
Shipment of Equipment						lbs			0	
Postage/Other									0	
TOTAL MAIL/COURIER									0	
Desktop Usage						Hour		5.5	0	
Data Visualization/Modeling (CAD, GIS, modeling)						Hour		15.5	0	
Notebook Computers										
Days						Days		18	0	
Months						Months		480	0	
TOTAL COMPUTER USAGE									0	
COMMUNICATIONS COSTS Phone, FAX									0	
REPRODUCTION COSTS						Page		0.05	0	
BLUE PRINTS: 5 Sets X 10 Pages X 42						Page		1.75	0	
TOTAL OTHER DIRECT COSTS									0	
=====										
SUBCONTRACTOR DETAIL									Total	
Subcontractor A										
Subcontractor B										
Subcontractor C										
Subcontractor D										
TOTAL SUBCONTRACTOR COSTS									0	

TRAVEL DETAIL		Unit	No. of Units	Unit Cost	Total
<b>TRANSPORTATION</b>					
Airfare:		RT			0
Auto Rental		Day			0
Truck Rental		Day			0
Local Mileage		Mile		0.28	0
Parking		Day			0
Gasoline					0
<b>TOTAL TRANSPORTATION COSTS</b>					0
<b>PER DIEM</b>					
Per Diem		Day			0
Lodging		Day			0
<b>TOTAL PER DIEM COSTS</b>					0
<b>OUTSIDE EQUIP RENTAL/PURCHASE DETAIL</b>					
Item Description	Period	No. of Periods	No. of Units	Unit Cost	Total
					0
					0
					0
					0
<b>TOTAL OUTSIDE EQUIP RENTAL/PURCHASE COST</b>					0
<b>E&amp;E EQUIPMENT RENTAL DETAIL</b>					
Item Description	Period	No. of Periods	No. of Units	Unit Cost	Total
					0
					0
					0
					0
					0
					0
					0
<b>TOTAL E&amp;E EQUIPMENT COSTS</b>					0
<b>E&amp;E ANALYTICAL SERVICES DETAIL</b>					
<b>TOTAL E&amp;E ANALYTICAL SERVICES</b>					0

Task 3.0 Property Ownership Tables and Maps

LABOR HOUR DETAIL		Field						In-House		Pubs	Total
Classification	Travel/	People	Days	H/Day	M-Day	Hours	Hours	Hours	Hours		
	Prep Hours										
						0	0				0
						0	0	16			16
		1	1	8		1	8				8
						0	0				0
						0	0				0
						0	0				0
						0	0				0
TOTAL HOURS	0				1	8	16	0			24

OTHER DIRECT COST DETAIL		Unit	No. of Units	Unit Cost	Total
Protective Clothing (Level D)	Days				0
Protective Clothing (Level C)	Days				0
Miscellaneous Field/Other Supplies					0
TOTAL SUPPLIES					0
Shipment of Lab Samples	lbs				0
Shipment of Equipment	lbs				0
Postage/Other					0
TOTAL MAIL/COURIER					0
Desktop Usage	Hour			5.5	0
Data Visualization/Modeling (CAD, GIS, modeling)	Hour			15.5	0
Notebook Computers					
Days	Days			18	0
Months	Months			480	0
TOTAL COMPUTER USAGE					0
COMMUNICATIONS COSTS					0
REPRODUCTION COSTS	Page	100		0.05	5
BLUE PRINTS	Page				0
TOTAL OTHER DIRECT COSTS					5
					=====
SUBCONTRACTOR DETAIL		Total			
Subcontractor A					
Subcontractor B					
Subcontractor C					
Subcontractor D					
TOTAL SUBCONTRACTOR COSTS					0
					=====

TRAVEL DETAIL		Unit	No. of Units	Unit Cost	Total
TRANSPORTATION					
Airfare:	RT				0
Auto Rental	Day	1		40	40
Truck Rental	Day				0
Local Mileage	Mile			0.28	0
Parking	Day				0
Gasoline					10
TOTAL TRANSPORTATION COSTS					50
PER DIEM					
Per Diem	Day				0
Lodging	Day				0
TOTAL PER DIEM COSTS					0
OUTSIDE EQUIP RENTAL/PURCHASE DETAIL					
Item Description	Period	No. of Periods	No. of Units	Unit Cost	Total
					0
					0
					0
					0
					0
TOTAL OUTSIDE EQUIP RENTAL/PURCHASE COST					0
E&E EQUIPMENT RENTAL DETAIL					
Item Description	Period	No. of Periods	No. of Units	Unit Cost	Total
					0
					0
					0
					0
					0
					0
					0
TOTAL E&E EQUIPMENT COSTS					0
E&E ANALYTICAL SERVICES DETAIL					
TOTAL E&E ANALYTICAL SERVICES					0
					=====

7/11/2011

Task 4.0: Technical Data Summary Tables and Maps

LABOR HOUR DETAIL		Field						In-House			
Classification	Travel	People	Days	H/Day	M-Day	Hours	Hours	Pubs	Total		
	Prep Hours										
						0	0		0		
						0	0	182	182		
						0	0	173	173		
						0	0	90	90		
						0	0	0	0		
						0	0	0	0		
								36	36		
TOTAL HOURS	0				0	0	481	0	481		

OTHER DIRECT COST DETAIL		Unit	No of Units	Unit Cost	Total
Protective Clothing (Level D)	Days				0
Protective Clothing (Level C)	Days				0
Miscellaneous Field/Other Supplies					0
TOTAL SUPPLIES					0

Shipment of Lab Samples	lbs				0
Shipment of Equipment	lbs				0
Postage/Other					0

TOTAL MAIL/COURIER 0

Desktop Usage	Hour	120	5.5	660
Data Visualization/Modeling (CAD, GIS, modeling)	Hour		15.5	0

Notebook Computers				
Days	Days		16	0
Months	Months		480	0

TOTAL COMPUTER USAGE 660

COMMUNICATIONS COSTS				0
REPRODUCTION COSTS	Page	5000	0.05	250
BLUE PRINTS	Page		1.75	0

TOTAL OTHER DIRECT COSTS 910

SUBCONTRACTOR DETAIL Total

Subcontractor A  
Subcontractor B  
Subcontractor C  
Subcontractor D

TOTAL SUBCONTRACTOR COSTS 0

TRAVEL DETAIL	Unit	No of Units	Unit Cost	Total
TRANSPORTATION				
Airfare	RT			0
Auto Rental	Day			0
Truck Rental	Day			0
Local Mileage	Mile		0.28	0
Parking	Day			0
Gasoline				0
TOTAL TRANSPORTATION COSTS				0

PER DIEM				
Per Diem	Day			0
Lodging	Day			0

TOTAL PER DIEM COSTS 0

OUTSIDE EQUIP RENTAL/PURCHASE DETAIL

Item Description	Period	No. of Periods	No. of Units	Unit Cost	Total
					0
					0
					0
					0

TOTAL OUTSIDE EQUIP RENTAL/PURCHASE COST 0

E&E EQUIPMENT RENTAL DETAIL	Item Description	Period	No. of Periods	No. of Units	Unit Cost	Total
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						0
						0
						0
						0
						0
						0

TOTAL E&E EQUIPMENT COSTS 0

E&E ANALYTICAL SERVICES DETAIL

TOTAL E&E ANALYTICAL SERVICES 0

Task 5.0: Data Gaps Memoranda

LABOR HOUR DETAIL		Field									
Classification	Travel/Prep Hours	People	Days	H/Day	M-Day	Hours	In-House Hours	Pubs	Total		
						0	0	8			8
						0	0	48	12		60
						0	0				0
						0	0	24			24
						0	0				0
						0	0				0
								8			8
TOTAL HOURS	0					0	0	80	20		100

OTHER DIRECT COST DETAIL		Unit	No of Units	Unit Cost	Total
Protective Clothing (Level D)		Days			0
Protective Clothing (Level C)		Days			0
Miscellaneous Field/Other Supplies					0
TOTAL SUPPLIES					0
Shipment of Lab Samples		lbs.			0
Shipment of Equipment		lbs.			0
Postage/Other					10
TOTAL MAIL/COURIER					10
Desktop Usage		Hour	8	5.5	44
Data Visualization/Modeling (CAD, GIS, modeling)		Hour		15.5	0
Notebook Computers					
Days		Days		16	0
Months		Months		480	0
TOTAL COMPUTER USAGE					44
COMMUNICATIONS COSTS Phone, FAX					0
REPRODUCTION COSTS		Page	200	0.05	10
BLUE PRINTS		Page			0
TOTAL OTHER DIRECT COSTS					64

SUBCONTRACTOR DETAIL		Total
Subcontractor A		
Subcontractor B		
Subcontractor C		
Subcontractor D		
TOTAL SUBCONTRACTOR COSTS		0

TRAVEL DETAIL	Unit	No of Units	Unit Cost	Total
TRANSPORTATION				
Airfare:	RT			0
Auto Rental	Day			0
Truck Rental	Day			0
Local Mileage	Mile		0.28	0
Parking	Day			0
Gasoline				0

TOTAL TRANSPORTATION COSTS				0
PER DIEM				
Per Diem	Day			0
Lodging	Day			0

TOTAL PER DIEM COSTS				0
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OUTSIDE EQUIP RENTAL/PURCHASE DETAIL		No of Periods	No of Units	Unit Cost	Total
Item Description	Period				
					0
					0
					0
					0

TOTAL OUTSIDE EQUIP RENTAL/PURCHASE COST					0
--	--	--	--	--	---

E&E EQUIPMENT RENTAL DETAIL		No of Periods	No of Units	Unit Cost	Total
Item Description	Period				
					0
					0
					0
					0
					0
					0

TOTAL E&E EQUIPMENT COSTS					0
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E&E ANALYTICAL SERVICES DETAIL					
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TOTAL E&E ANALYTICAL SERVICES					0
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Task 6.0: PRP Records Compilation

LABOR HOUR DETAIL		Field		Travel		In-House		Pubs		Total
Classification	Prep. Hour	People	Days	H/Day	M-Day	Hours	Hours			
						0	0			0
						0	0	160		160
						0	0			0
						0	0			0
						0	0			0
						0	0			0
TOTAL HOURS	0					0	0	160	0	160

OTHER DIRECT COST DETAIL		Unit	No. of Units	Unit Cost	Total
Protective Clothing (Level D)	Days				0
Protective Clothing (Level C)	Days				0
Miscellaneous Field/Other Supplies					0

TOTAL SUPPLIES 0

Shipment of Lab Samples	lbs				0
Shipment of Equipment	lbs.				0
Postage/Other					0

TOTAL MAIL/COURIER 0

Desktop Usage	Hour	100	5.5	550
Data Visualization/Modeling (CAD, GIS, modeling)	Hour		15.5	0

Notebook Computers				
Days	Days	16	0	
Months	Months	480	0	

TOTAL COMPUTER USAGE 550

COMMUNICATIONS COSTS Phone, FAX				0
REPRODUCTION COSTS	Page	1000	0.05	50
BLUE PRINTS	Page		1.75	0

TOTAL OTHER DIRECT COSTS 600

SUBCONTRACTOR DETAIL Total

Subcontractor A  
Subcontractor B  
Subcontractor C  
Subcontractor D

TOTAL SUBCONTRACTOR COSTS 0

TRAVEL DETAIL	Unit	No. of Units	Unit Cost	Total
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TRANSPORTATION				
Airfare	RT			0
Auto Rental	Day			0
Truck Rental	Day			0
Local Mileage	Mile	0.3		0
Parking	Day			0
Gasoline				0

TOTAL TRANSPORTATION COSTS 0

PER DIEM				
Per Diem	Day			0
Lodging	Day			0

TOTAL PER DIEM COSTS 0

OUTSIDE EQUIP RENTAL/PURCHASE DETAIL

Item Description	Period	No. of Periods	No. of Units	Unit Cost	Total
					0
					0
					0
					0

TOTAL OUTSIDE EQUIP RENTAL/PURCHASE COST 0

E&E EQUIPMENT RENTAL DETAIL		No. of Periods	No. of Units	Unit Cost	Total
Item Description	Period				

					0
					0
					0
					0
					0
					0

TOTAL E&E EQUIPMENT COSTS 0

E&E ANALYTICAL SERVICES DETAIL

TOTAL E&E ANALYTICAL SERVICES 0

Task 1.1. Project Planning

LABOR HOUR DETAIL						Field				In-House	Pubs	Total
Classification	Prep Hours	People	Days	H/Day	M-Day	Hours	Hours	Hours	Hours			
						0	0					0
						0	0					0
						0	0					0
						0	0					0
						0	0					0
						0	0					0
						0	0					0
TOTAL HOURS	0					0	0	0	0			0

OTHER DIRECT COST DETAIL						Unit	No of Units	Unit Cost	Total
Protective Clothing (Level D)						Days			0
Protective Clothing (Level C)						Days			0
Miscellaneous Field/Other Supplies									0

TOTAL SUPPLIES 0

Shipment of Lab Samples	lbs		0
Shipment of Equipment	lbs		0
Postage/Other			0

TOTAL MAIL/COURIER 0

Desktop Usage	Hour	5.5	0
Data Visualization/Modeling (CAD, GIS, modeling)	Hour	15.5	0

Notebook Computers			
Days	Days	16	0
Months	Months	480	0

TOTAL COMPUTER USAGE 0

COMMUNICATIONS COSTS			0
REPRODUCTION COSTS	Page	0.05	0
BLUE PRINTS	Page		0

TOTAL OTHER DIRECT COSTS 0

SUBCONTRACTOR DETAIL Total

Subcontractor A			
Subcontractor B			
Subcontractor C			
Subcontractor D			

TOTAL SUBCONTRACTOR COSTS 0

TRAVEL DETAIL	Unit	No of Units	Unit Cost	Total
TRANSPORTATION				
Airfare	RT			0
Auto Rental	Day			0
Truck Rental	Day			0
Local Mileage	Mile		0.28	0
Parking	Day			0
Gasoline				0

TOTAL TRANSPORTATION COSTS 0

PER DIEM				
Per Diem	Day			0
Lodging	Day			0

TOTAL PER DIEM COSTS 0

OUTSIDE EQUIP RENTAL/PURCHASE DETAIL

Item Description	Period	No of Periods	No of Units	Unit Cost	Total
					0
					0
					0
					0

TOTAL OUTSIDE EQUIP RENTAL/PURCHASE COST 0

E&E EQUIPMENT RENTAL DETAIL

Item Description	Period	No of Periods	No of Units	Unit Cost	Total
					0
					0
					0
					0
					0
					0

TOTAL E&E EQUIPMENT COSTS 0

E&E ANALYTICAL SERVICES DETAIL

TOTAL E&E ANALYTICAL SERVICES 0